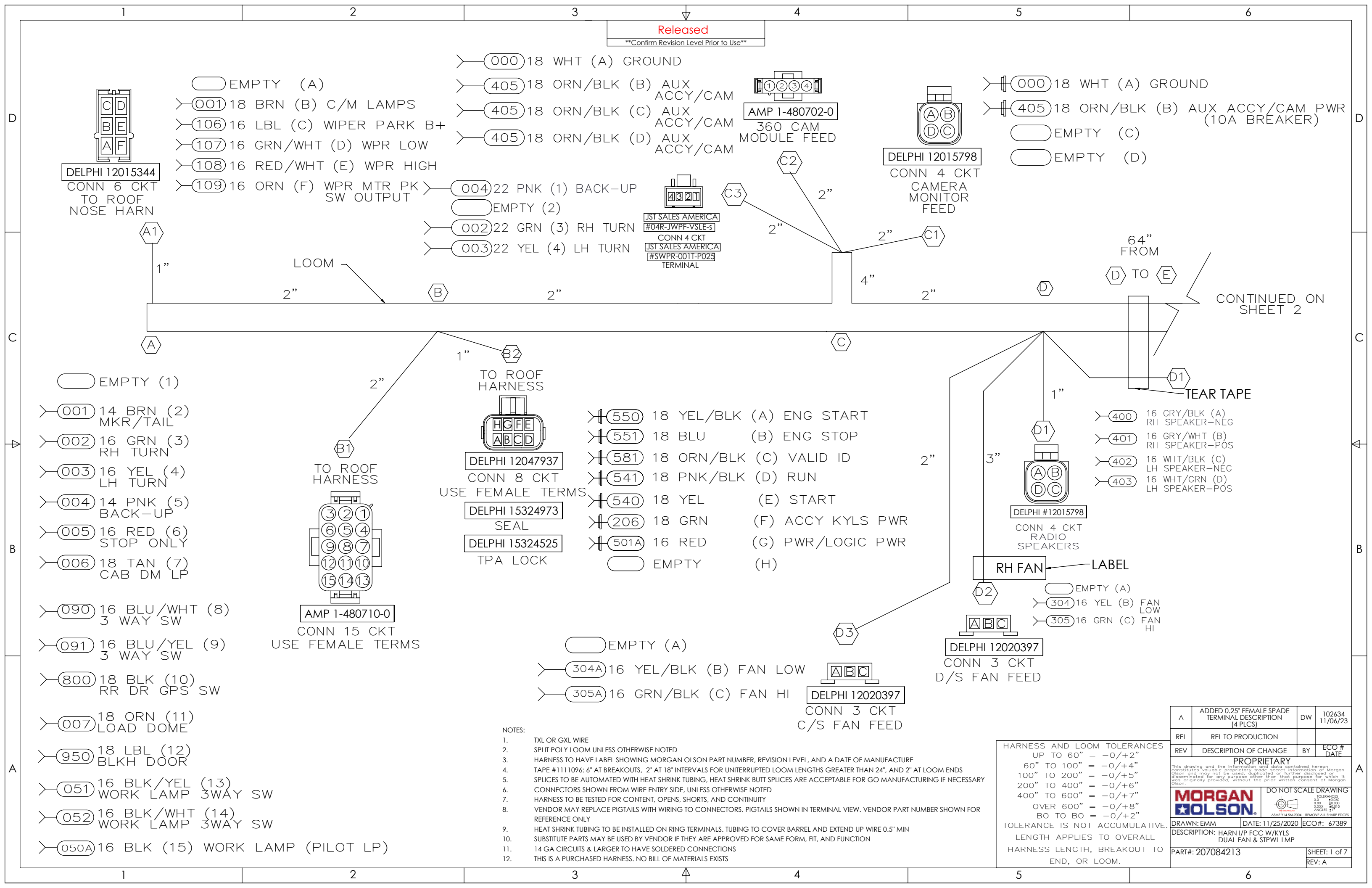


Released

Confirm Revision Level Prior to Use



Released

Confirm Revision Level Prior to Use

.25" RG TERM
SMOOTH BORE
SOLDER CRIMP
AND H.S.
(SEE NOTES)

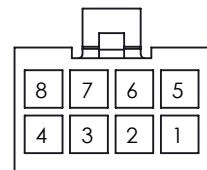
○ (000) BODY
GROUND

12 WHT
GROUND

.25" RG TERM
SMOOTH BORE
SOLDER CRIMP
AND H.S.
(SEE NOTES)

○ (200) HEATER
GROUND

12 WHT/ORN
GROUND



MOLEX 430250800
CONN 4 CKT
TERM 430300038

TO
GPS
UNIT

F3

1"

4"

➤ () EMPTY (1)

➤ () EMPTY (2)

➤ () EMPTY (3)

➤ (950) 18 LBL (4) BULKHEAD DOOR

➤ (953) 18 PPL/BLK (5) SEAT SENSOR

➤ (800) 18 BLK (6) RR DR GPS SW

➤ () EMPTY (7)

➤ () EMPTY (8)



DELPHI 12020397

CONN 3 CKT
STPWL LMP TMR

➤ (204) 16 RED (A) BATTERY

➤ (572) 16 TAN (B) STEP LAMP

➤ (801) 18 WHT/BLK (C) STPWL
LMP OUT

G2

1"

12"

13"
FROM

G TO H

CONTINUED ON
SHEET 1

CONTINUED ON
SHEET 3

FUSE CAP

DELPHI 12033731

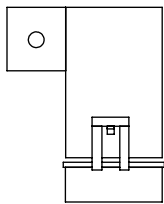
FUSE HOLDER

DELPHI 12033769

ATO FUSE 40A

LITTLEFUSE 0287040.PXCN

OR EQUIV.



BATT + INPUT

(207) 10 RED

E1

1"

7"

LOOM

12"
FROM

E TO E2

CONTINUED ON
SHEET 6

BRAIDED
POLYESTER
SLEEVING FROM
"E2" TO "E"

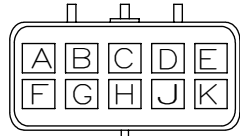
6"

F

18"

1"

F4



PE 15326660

CONN 10 CKT

➤ (950) 18 LBL (A) BULKHEAD DOOR

() EMPTY (B)

() EMPTY (C)

() EMPTY (D)

➤ (953) 18 PPL/BLK (E) SEAT SENSOR

() EMPTY (F)

() EMPTY (G)

() EMPTY (H)

() EMPTY (J)

() EMPTY (K)

SPLICE4
SPLICE CKT "200"
12 WHT/ORN INTO
12 WHT

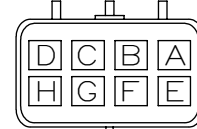
G

7"

1"

G1

TO CHASSIS
INTERFACE
CONNECTION



DELPHI 15326655

CONN 8 CKT

← (005) 16 RED (A) STOP ONLY

() EMPTY (B)

() EMPTY (C)

← (004) 14 PNK (D) BACK-UP

← (000) 12 WHT (E) GROUND

← (003) 16 YEL (F) LH TURN

← (002) 16 GRN (G) RH TURN

← (001) 14 BRN (H) C/M LPS

PROPRIETARY

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MORGAN OLSON

DO NOT SCALE DRAWING

TOLERANCES
XXX .0050
XXX .0030
XXX .0010
ANGLES .1°

ASME Y14.5M-2004 REMOVE ALL SHARP EDGES

DRAWN: EMM DATE: 11/25/2020 ECO#: 67389

DESCRIPTION: HARN I/P FCC W/KYLS
DUAL FAN & STPWL LMP

PART#: 207084213 SHEET: 2 of 7
REV: A

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- (200) 12 WHT/ORN (A) HTR GND
➤ (101A) 12 ORN (B) HTR PWR SW'D
○ EMPTY (C)



- ELEK HVAC POWER
MAG SWITCH
.180" F ➤ (801) 18 WHT/BLK SW GND
BULLET CONN

44000075
GROMMET
QUAL. MOLD #9234
ALTERNATE EQUIVALENT
MORGAN OLSON
44000071
GROMMET

SPLIT NYLON LOOM BLACK WITH GRAY STRIPE THIS AREA

- .180" F ➤ (000) 18 WHT SW GND
BULLET CONN
.180" F ➤ (572) 16 TAN STEPWL LAMP OUT
BULLET CONN

PROPRIETARY	
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MORGAN OLSON	DO NOT SCALE DRAWING
TOLERANCES XXX .0050 XXX .0030 XXX .0010 ANGLES 1°	ASME Y14.5M-2004 REMOVE ALL SHARP EDGES
DRAWN: EMM	DATE: 11/25/2020 ECO#: 67389
DESCRIPTION: HARN I/P FCC W/KYLS DUAL FAN & STPWL LMP	
PART#: 207084213	SHEET: 3 of 7 REV: A

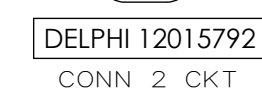
- (052) 16 BLK/WHT (1) WORK LAMP 3WAY SW
➤ (050) 16 WHT/BLK (2) WORK LAMP FEED
➤ (051) 16 BLK/YEL (3) WORK LAMP 3WAY SW
○ EMPTY (4)
○ EMPTY (5)
➤ (050A) 16 BLK (6) WORK LAMP (PILOT LP)
➤ (000) 18 WHT (7) GROUND
➤ (008) 18 BLU (8) PANEL LPS
- (090) 16 BLU/WHT (1) 3WAY SW
➤ (009) 16 RED (2) DOME PWR
➤ (091) 16 BLU/YEL (3) 3WAY SW
○ EMPTY (4)
○ EMPTY (5)
➤ (007) 18 ORN (6) LOAD DM PILOT LAMP
➤ (000) 18 WHT (7) GROUND
➤ (008) 18 BLU (8) PANEL LPS
- EMPTY (1)
➤ (009) 18 RED (2) DOME PWR
➤ (006) 18 TAN (3) CAB DOME
○ EMPTY (4)
○ EMPTY (5)
○ EMPTY (6)
➤ (000) 18 WHT (7) GROUND
➤ (008) 18 BLU (8) PANEL LPS
- (551) 18 BLU (1) ENG STOP
➤ (501A) 18 RED (2) PWR/LOGIC PWR
➤ (550) 18 YEL/BLK (3) ENG START
○ EMPTY (4)
○ EMPTY (5)
➤ (581) 18 ORN/BLK (6) VALID ID
➤ (000) 18 WHT (7) GROUND
➤ (581) 18 ORN/BLK (8) VALID ID

- (111) 16 PNK/BLK (1) WASH
➤ (000) 16 WHT (2) GROUND

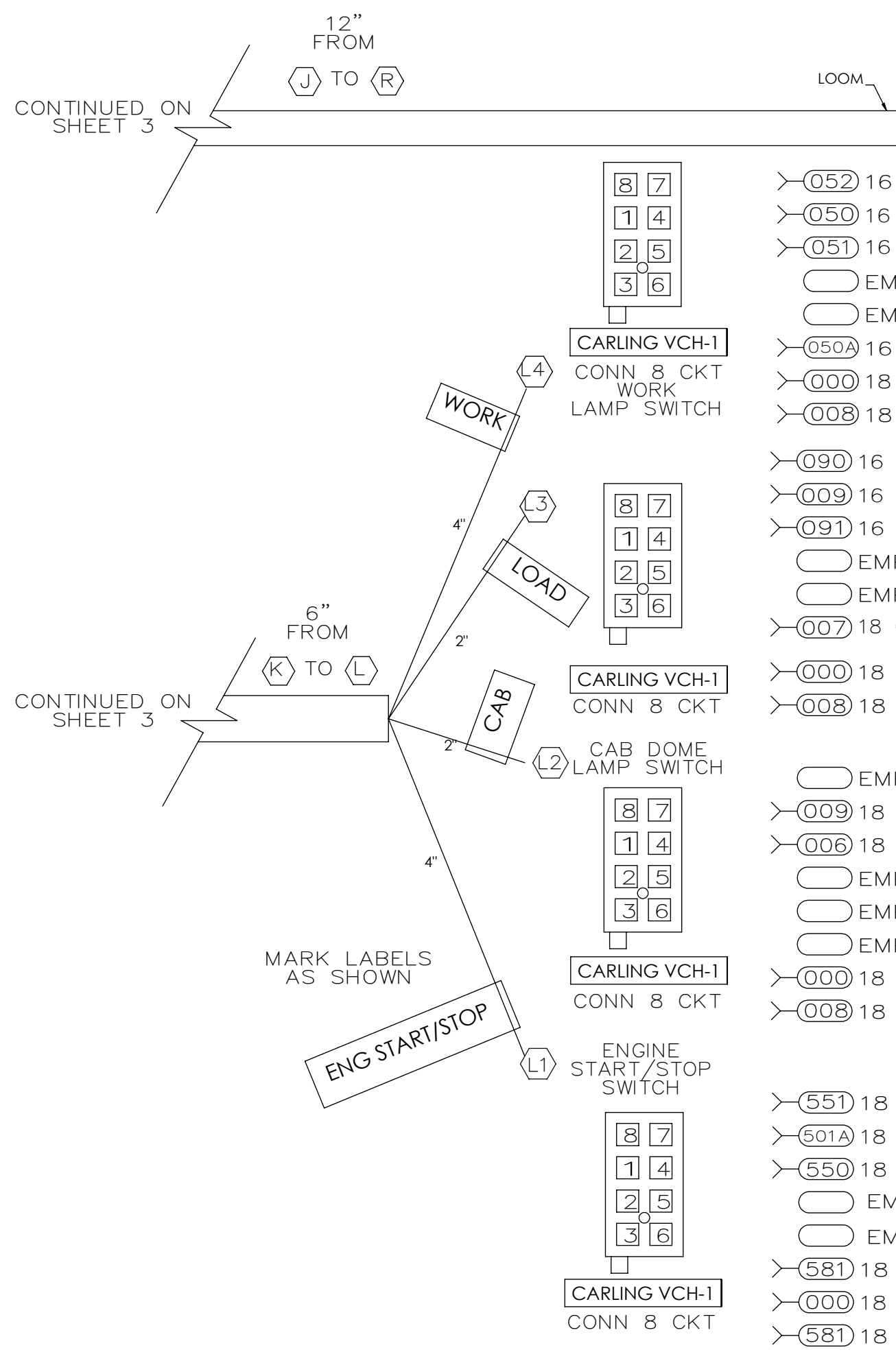


WASHER PUMP
NYLON LOOM BLACK WITH GRAY STRIPE

NYLON LOOM BLACK WITH GRAY STRIPE
TO SEAT SENSOR HARNESS



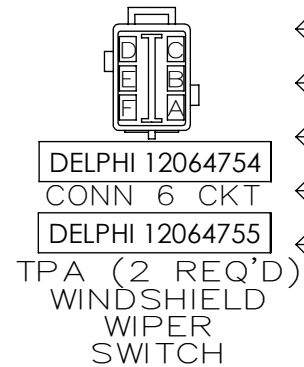
- (953) 18 PPL/BLK (A) SEAT SENSOR
➤ (000) 18 WHT (B) GROUND



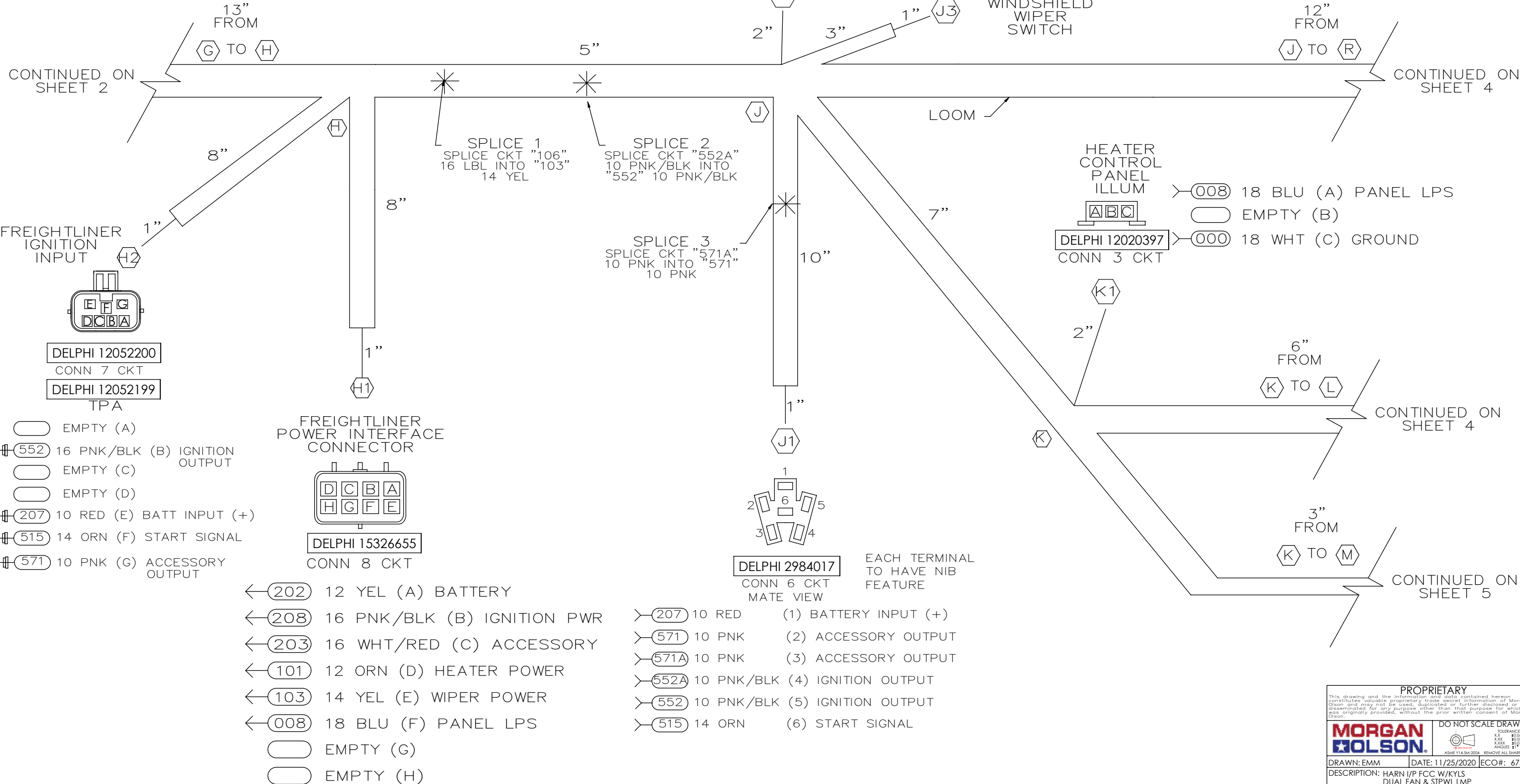
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- (008) 18 BLU (A) PANEL LPS
○ EMPTY (B)
➤ (000) 18 WHT (C) GROUND



- ← (108) 16 RED/WHT (A) WPR MOTOR HIGH
← (107) 16 GRN/WHT (B) WPR MOTOR LOW
← (111) 16 PNK/BLK (C) WASHER PUMP
← (000) 16 WHT (D) GROUND
← (103) 14 YEL (E) WIPER POWER
← (109) 16 ORN (F) WPR MTR PK SW OUTPUT



- EMPTY (A)
← (552) 16 PNK/BLK (B) IGNITION OUTPUT
○ EMPTY (C)
○ EMPTY (D)
← (207) 10 RED (E) BATT INPUT (+)
← (515) 14 ORN (F) START SIGNAL
← (571) 10 PNK (G) ACCESSORY OUTPUT

- ← (202) 12 YEL (A) BATTERY
← (208) 16 PNK/BLK (B) IGNITION PWR
← (203) 16 WHT/RED (C) ACCESSORY
← (101) 12 ORN (D) HEATER POWER
← (103) 14 YEL (E) WIPER POWER
← (008) 18 BLU (F) PANEL LPS
○ EMPTY (G)
○ EMPTY (H)

- (207) 10 RED (1) BATTERY INPUT (+)
➤ (571) 10 PNK (2) ACCESSORY OUTPUT
➤ (571A) 10 PNK (3) ACCESSORY OUTPUT
➤ (552A) 10 PNK/BLK (4) IGNITION OUTPUT
➤ (552) 10 PNK/BLK (5) IGNITION OUTPUT
➤ (515) 14 ORN (6) START SIGNAL

- (008) 18 BLU (A) PANEL LPS
○ EMPTY (B)
➤ (000) 18 WHT (C) GROUND

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DO NOT SCALE DRAWING

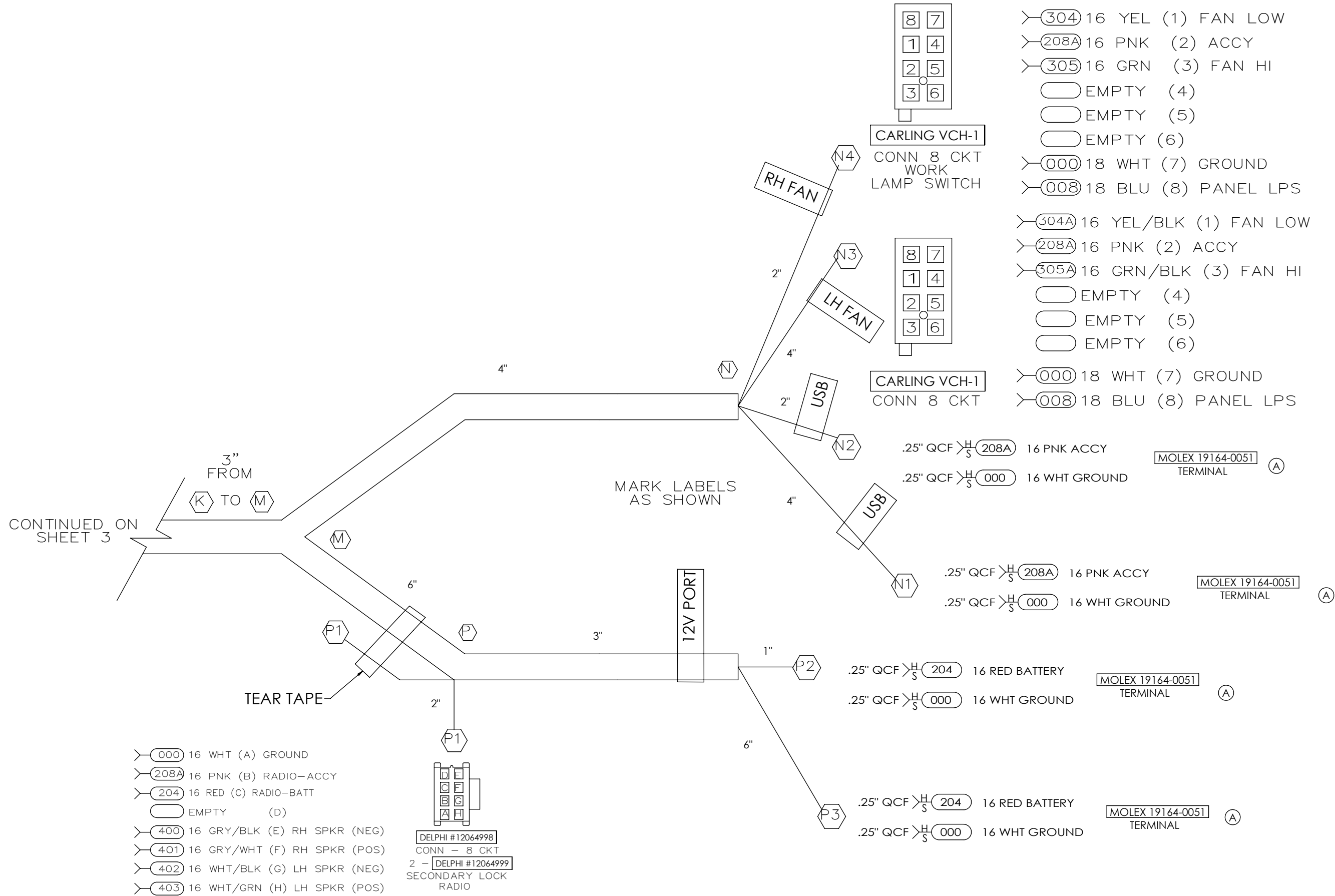
TOLERANCES
XXX ±0.060
XXX ±0.030
XXX ±0.010
ANGLES 1°

ASME Y14.5M-2004 REMOVE ALL SHARP EDGES

DRAWN: EMM DATE: 11/25/2020 ECO#: 67389
DESCRIPTION: HARN I/P FCC W/KYLS DUAL FAN & STPWL LMP
PART#: 207084213 SHEET: 4 of 7
REV: A

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MORGAN OLSON

DO NOT SCALE DRAWING
TOLERANCES
XXX .0050
XXX .0030
XXX .0010
ANGLES 1°

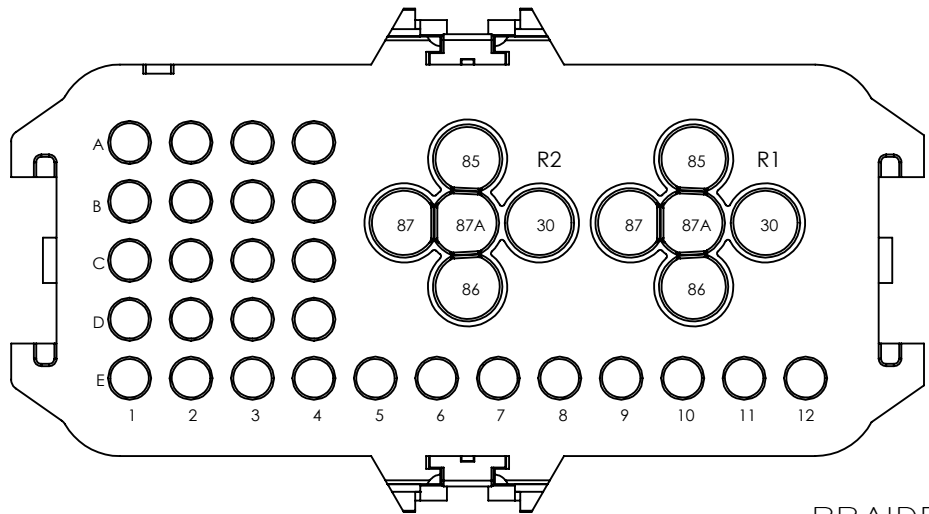
ASME Y14.5M-2004 REMOVE ALL SHARP EDGES

DRAWN: EMM DATE: 11/25/2020 ECO#: 67389
DESCRIPTION: HARN I/P FCC W/KYLS
DUAL FAN & STPWL LMP
PART#: 207084213 SHEET: 5 of 7
REV: A

Released

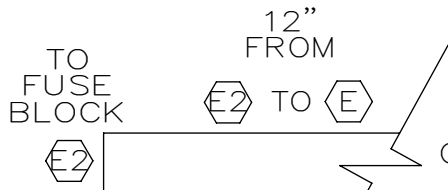
Confirm Revision Level Prior to Use

COVER (NOT SHOWN)
TYCO #2098164-4



38 WAY CONN
TYCO #2297813-2
WIRE ENTRY
VIEW

BRAIDED
POLYESTER
SLEEVING
FROM "D4" TO
"D"



CONTINUED ON
SHEET 2

LITTLEFUSE #029707.5W XNV
7.5A MINI ATM FUSE
OR EQUIV.

LITTLEFUSE #0297010W XNV
10A MINI ATM FUSE
OR EQUIV.

LITTLEFUSE #0297010W XNV
10A MINI ATM FUSE
OR EQUIV.

CONNECTOR
TYCO #2297813-2

EATON'S BUSSMAN
10A BREAKER
#21110-00
OR EQUIV.

HELLA #87423
RELAY
OR EQUIV.

HELLA #87423
RELAY
OR EQUIV.

SONG CHUAN
#303-1AH-C-R1-
U01-12VDC
OR EQUIV.

SONG CHUAN
#303-1AH-C-R1-
U01-12VDC
OR EQUIV.

SONG CHUAN
#301-1C-S-R1
OR EQUIV.
(MODEL FOR
REFERENCE ONLY)

EATON'S BUSSMAN
10A BREAKER
#21110-00
OR EQUIV.

MFG NOTE:
INSTALL COMPONENTS
AS SHOWN

SECURE COVER TO
CONNECTOR BEFORE
DELIVERY

- > (101A) 12 ORN (A1) HEATER PWR SW'D (87)
- > (000) 18 WHT (A2) GROUND (85)
- > (515) 14 ORN (A3) START SIGNAL (87)
- > (000) 18 WHT (A4) GROUND (85)
- > (203) 16 WHT/RED (B1) ACCY POWER (86)
- > (101) 12 ORN (B2) HEATER PWR (30)
- > (540) 18 YEL (B3) START (86)
- > (501) 16 RED (B4) PWR/LOGIC PWR (30) (40A FUSED)
- ⏏ (PLUG) EMPTY (C1)
- > (050) 16 WHT/BLK (C2) WORK LMP FEED (87)
- > (000) 18 WHT (C3) GROUND (85)
- ⏏ (PLUG) EMPTY (C4)
- > (405) 18 ORN/BLK (D1) AUX ACCY/CAM PWR (86) (10A BREAKER)
- ⏏ (PLUG) EMPTY (D2)
- > (009) 16 RED (D3) DOME PWR (87)
- ⏏ (PLUG) EMPTY (D4)
- > (202) 16 YEL (E1) BATTERY
- > (009) 16 RED (E2) DOME/WORK LAMP POWER (10A BREAKER)
- ⏏ (PLUG) EMPTY (E3)
- ⏏ (PLUG) EMPTY (E4)
- > (203) 16 WHT/RED (E5) ACCESSORY
- > (405) 18 ORN/BLK (E6) AUX ACCY/CAM PWR (10A BREAKER)
- > (202) 16 YEL (E7) BATTERY
- > (204) 16 RED (E8) BATT FUSED OPTION (10 FUSED)
- > (208) 16 PNK/BLK (E9) IGNITION PWR
- > (208A) 16 PNK (E10) IGN FUSED OPTION (10A FUSED)
- > (501) 12 RED (E11) PWR/LOGIC PWR (40A FUSED)
- > (501A) 16 RED (E12) PWR/LOGIC PWR FUSED (7.5A FUSED)

- > (571) 10 PNK (R2-87) ACCY OUTPUT
- ⏏ (PLUG) EMPTY (R2-87A)
- > (000) 18 WHT (R2-85) GROUND
- > (501) 10 RED (R2-30) PWR/LOGIC PWR (40A FUSED)
- > (206) 18 GRN (R2-86) ACCY KYLS POWER
- > (552) 10 PNK/BLK (R1-87) IGNITION OUTPUT
- ⏏ (PLUG) EMPTY (R1-87A)
- > (000) 18 WHT (R1-85) GROUND
- > (501) 10 RED (R1-30) PWR/LOGIC PWR (40A FUSED)
- > (541) 18 PNK/BLK (R1-86) KEYLESS RUN

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MORGAN OLSON

DO NOT SCALE DRAWING

TOLERANCES
X.X .0050
X.XX .0030
X.XXX .0010
ANGLES .1°

ASME Y14.5M-2004 REMOVE ALL SHARP EDGES

DRAWN: EMM DATE: 11/25/2020 ECO#: 67389

DESCRIPTION: HARN I/P FCC W/KYLS
DUAL FAN & STPWL LMP

PART#: 207084213

SHEET: 6 of 7
REV: A

1

2

3

4

5

6

Released

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CIRCUIT	DESCRIPTION	END POINTS	FUNCTION
000	16,18 WHT	C1,C2,E2,F2,G1,J2,J3,K1,L1,L2,L3,L4,N1,N2,N3,N4,P1,P2,P3,S1,S2,S3,SPLICE 4	GROUND
001	14,18 BRN	A1,B1,G1	MRKR/CLEARANCE LPS
002	16,22 GRN	B1,C3,G1	RH TURN
003	16,22 YEL	B1,C3,G1	LH TURN
004	14,18,22 PNK	B1,C3,G1	BACK-UP
005	14,16,18 RED	B1,G1	STOP ONLY
006	18 TAN	B1,L2	CAB DM LP
007	18 ORN	B1,L3	LOAD DOME
008	18 BLU	H1,J2,K1,L2,L3,L4,N3,N4	PANEL LPS
009	16,18 RED	E2,L2,L3	DOME/WORK LAMP PWR (10A BREAKER)
050	16 WHT/BLK	E2,L4	WORK LAMP FEED
050A	16 BLK	B1,L4	WORK LAMP (PILOT LP)
051	16 BLK/YEL	B1,L4	WORK LAMP 3WAY SW
052	16 BLK/WHT	B1,L4	WORK LAMP 3WAY SW
090	16 BLU/WHT	B1,L3	3 WAY SW
091	16 BLU/YEL	B1,L3	3 WAY SW
101	12 ORN	E2,H1	HEATER PWR
101A	12 ORN	E2,R1	HEATER PWR SW'D
103	14 YEL	H1,J3,SPLICE 1	WIPER POWER
106	16 LBL	A1,SPLICE 1	WIPER PARK B+
107	16 GRN/WHT	A1,J3	WPR MOTOR LOW
108	16 RED/WHT	A1,J3	WPR MOTOR HIGH
109	16 ORN	A1,J3	WPR MTR PK SW OUTPUT
111	16 PNK/BLK	J3,S1	WASHER PUMP
200	12 WHT/ORN	F1,R1,SPLICE 4	HEATER GROUND
202	12,16 YEL	E2,H1	BATTERY
203	16 WHT/RED	E2,H1	ACCY
204	16 RED	E2,G2,P1,P2,P3	BATT FUSED OPTION
206	18 GRN	B2,E2	ACCY KYLS PWR
207	10 RED	E1,H2,J1	BATTERY INPUT (+)
208	16 PNK/BLK	E2,H1	IGNITION OUTPUT
208A	16 PNK	E2,N1,N2,N3,N4,P1	IGN FUSED OPTION
304	16 YEL	D2,N4	FAN LOW
304A	16 YEL/BLK	D3,N3	FAN LOW
305	16 GRN	D2,N4	FAN HI
305A	16 GRN/BLK	D3,N3	FAN HI
400	16 GRY/BLK	D1,P1	RH SPEAKER-NEG
401	16 GRY/WHT	D1,P1	RH SPEAKER-POS
402	16 WHT/BLK	D1,P1	LH SPEAKER-NEG
403	16 WHT/GRN	D1,P1	LH SPEAKER-POS

405	18 ORN/BLK	C1,C2,E2	AUX ACCY/CAM PWR (10A BREAKER)
501	12/16 RED	E1,E2	PWR/LOGIC PWR (40A FUSED)
501A	18 RED	B2,E2,L1	PWR/LOGIC PWR (7.5A FUSED)
515	14 ORN	E2,H2,J1	START SIGNAL
540	18 YEL	B2,E2	KYLS START
541	18 PNK/BLK	B2,E2	KYLS RUN
550	18 YEL/BLK	B2,L1	ENG START
551	18 BLU	B2,L1	ENG STOP
552	10/16 PNK/BLK	E2,H2,J1,SPLICE 2	IGNITION OUTPUT
552A	10 PNK/BLK	J1,SPLICE 2	IGNITION OUTPUT
571	10 PNK	E2,H2,J1,SPLICE 3	ACCY OUTPUT
571A	10 PNK	J1,SPLICE 3	ACCY OUTPUT
572	16 TAN	G2,S3	STPWL LMP OUT
581	18 ORN/BLK	B2,L1	VALID ID
800	18 BLK	B1,F3	RR DR GPS SW
801	18 WHT/BLK	G2,R2	SW GROUND
950	18 LBL	B1,F3,F4	BULKHEAD DOOR
953	18 PPL/BLK	F3,F4,S2	SEAT SENSOR

1

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MORGAN

OLSON

ASME Y14.5M-2004

REMOVE ALL SHARP EDGES

DO NOT SCALE DRAWING

TOLERANCES

X.XX ±0.060

X.XX ±0.050

X.XXX ±0.010

ANGLES ±1°

DRAWN: EMM

DATE: 11/25/2020

ECO#: 67389

DESCRIPTION: HARN I/P FCC W/KYLS

DUAL FAN & STPWL LMP

PART#: 207084213

SHEET: 7 of 7

REV: A